

Message

From: Nordine, John [nordine.john@epa.gov]
Sent: 2/25/2019 6:15:04 PM
To: Gerry Ruopp [gerry.ruopp@centralwire.com]
CC: jack@autumnwoodesh.com; Kay, Robert T [rtkay@usgs.gov]; Nordine, John [nordine.john@epa.gov]
Subject: Re: Work Plan to Evaluate Capture Zone for EW-2

Mr. Ruopp,

EPA has reviewed the "Work Plan to Evaluate Extraction Well No. 2 Capture Zone" prepared by Autumwood Consultants for the Techalloy/Central Wire site in Union, Illinois. This document is dated February 2019. EPA received a message from Autumwood on Friday February 22, 2019, that gave some additional information on the work plan. EPA understands that the work has been reschedule for March 8, 2019.

The work plan needs to have:

1. An evaluation of the existing well information,
2. A discussion of the hydraulic properties of the aquifer(s),
3. A discussion of aquifer data needs,
4. A design of the aquifer test,
5. A design of the observation well(s),
6. Field procedures,
7. Test procedures,
8. A discussion of how the data will be analyzed.

Each of the piezometers should be sampled for VOC's the assessment of the plume capture.

Please review EPA guidance documents such as "Suggested Operating Procedures for Aquifer Testing, EPA/504/S-93/503 and from USGS "Aquifer Test Design, Observation and Data Analysis" by Stillman 1971. A response is due by March 1, 2019. If you have any questions please contact me.

Sincerely,

John Nordine
 U.S. EPA

From: Gerry Ruopp <gerry.ruopp@centralwire.com>
Sent: Thursday, February 21, 2019 3:05 PM
To: Nordine, John
Cc: jack@autumnwoodesh.com
Subject: RE: Work Plan to Evaluate Capture Zone for EW-2

John –
 I've asked Jack to give you a call this afternoon.

Gerry



Gerald Ruopp
 General Manager, Central Wire Industries
 815-923-4928 | centralwire.com



From: Nordine, John <nordine.john@epa.gov>
Sent: Thursday, February 21, 2019 2:38 PM
To: Gerry Ruopp <gerry.ruopp@centralwire.com>
Cc: jack@autumnwoodesh.com
Subject: RE: Work Plan to Evaluate Capture Zone for EW-2

Hi Gerry,

The copy of the work plan I received only had one page of text beside the cover page, maps, and calculations (see attachment). Is that all there is to the work plan? Please send the rest of the text for my review. If you have any questions please contact me.

Respectfully,

John Nordine, CPG, LPG
 U.S. EPA, Region 5
 RCRA Corrective Action Section
 77 W. Jackson Blvd. LU-16J
 Chicago, Illinois 60604

Phone: 312-353-1243
 Fax: 312-385-5338

"The great end of education is to discipline rather than finish the mind; to train it to use of its own powers rather than to fill it with the accumulation of others." Tryon Edwards
 "Don't interfere with anything in the Constitution. That must be maintained, for it is the only safeguard of our liberties." Abraham Lincoln
 "Many people use statistics in the same manner in which a drunk uses a lamp post; for support, rather than for illumination." Mark Twain

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From: jack@autumnwoodesh.com <jack@autumnwoodesh.com>
Sent: Wednesday, February 20, 2019 3:08 PM
To: Nordine, John <nordine.john@epa.gov>

Cc: Gerald Ruopp <gruopp@centralwire.com>

Subject: Work Plan to Evaluate Capture Zone for EW-2

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John:

Avery short work plan is attached for your review.

Regards,

Jack

John W. Thorsen, P.E.

Autumnwood ESH Consultants, LLC

262.237.1130